INTERNATIONAL SEARCH REPORT

PCT/US 03/30661

A. CLASSI	IFICATION OF SUBJECT MATTER G01F1/84			
Accordina i	lo International Patent Classification (IPC) or to both national classific	ation and IPC		
	SEARCHED	•		
	ocumentation searched (classification system followed by classificati	on symbols)		
Documenta	ation searched other than minimum documentation to the extent that s	such documents are included in the fields se	arched	
Electronic	data base consulted during the international search (name of data ba	ase and, where practical, search terms used)	
EPO-Ir	nternal, WPI Data, PAJ			
C. DOCUM	MENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the re	levant passages	Relevant to claim No.	
X	US 2002/189323 A1 (FRANCISCO JR 19 December 2002 (2002-12-19) paragraph '0016! - paragraph '00 figure 1	1–16		
X	US 4 872 351 A (RUESCH JAMES R) 10 October 1989 (1989-10-10) column 23, line 1 - line 43; fig	1–16		
х	DE 100 20 606 A (FLOWTEC AG) 31 October 2001 (2001-10-31) page 6, paragraph 64 - page 7, p 69; figure 1	1–16		
A	EP 0 816 807 A (FOXBORO CO) 7 January 1998 (1998-01-07) column 10, line 41 - column 11, figures 5-7	line 27;	1,14	
Fi	urther documents are listed in the continuation of box C.	X Patent family members are listed	in annex.	
° Special	categories of cited documents :	"T" later document published after the Into or priority date and not in conflict with	emational filing date	
con "E" earlie	ment defining the general state of the art which is not sidered to be of particular relevance or document but published on or after the international g date	cited to understand the principle or the invention "X" document of particular relevance; the cannot be considered novel or cannot.	claimed invention	
"L" docu	ment which may throw doubts on priority claim(s) or ch is cited to establish the publication date of another tion or other special reason (as specified)	involve an inventive step when the d "Y" document of particular relevance; the cannot be considered to involve an in	ocument is taken alone claimed invention	
O' docu	ument referring to an oral clisclosure, use, exhibition or er means ument published prior to the international filing date but	document is combined with one or ments, such combination being obvious in the art.	nore other such docu-	
late	t family			
Date of the	he actual completion of the international search 8 June 2004	Date of mailing of the international se 18/06/2004	aion iepon	
Name an	ad mailing address of the ISA	Authorized officer		
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340—2040, Tx. 31 651 epo ni, Fax: (+31–70) 340—3016		Politsch, E		

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